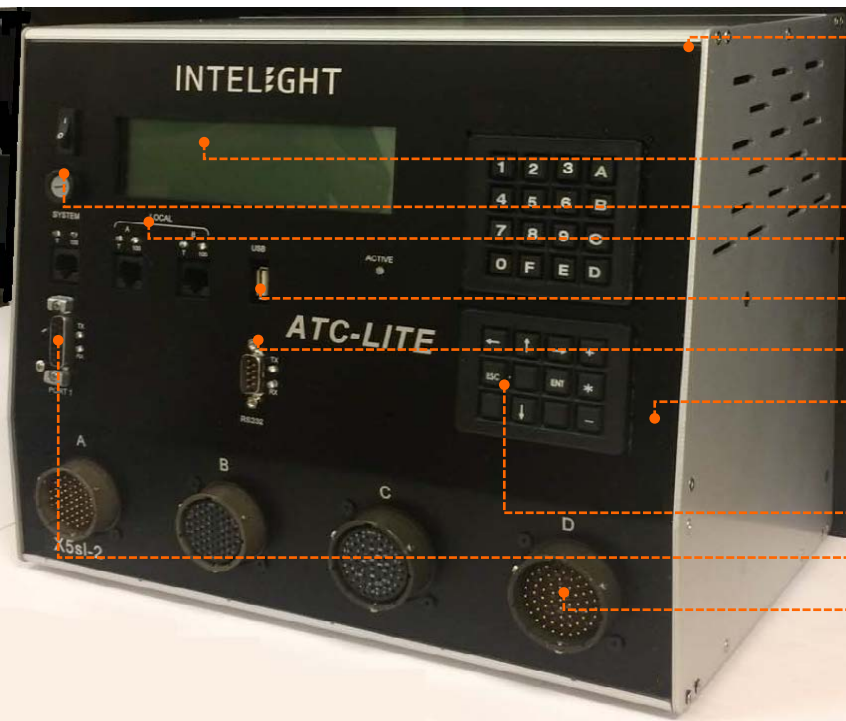


Overview

The X-5sl Controller is part of Intelight's award winning "X-Series" Controller Line. The X-5sl meets and exceeds the current ATC standards providing agencies with a robust, industry leading, true open architecture hardware platform. The X-5sl can help agencies organize and improve operations and reduce the amount of equipment in the signal cabinet. Use the X-5sl to manage Ethernet traffic, monitor CCTV or Detection camera video, enter cabinet and maintenance logs directly into the controller (syncs with Central), and integrate with other products via optional MaxTime onboard web server, all while running traffic signal operations. Contact Intelight today to see how the X-5sl Controller can help update your signal operations system to 21st century technology.



Linux Operating System with 128 MB DRAM | 64 MB Flash Memory and MPC 8248 32-bit Processor (750 MIPs)

240 pixel X 64 pixel OLED graphics display

Front Panel power switch

Three Ethernet Ports

One USB Port

One Aux Serial Port

Integrated CPU/Front Panel board with 4 port Ethernet switch w/2 subnets, three external Ethernet ports, USB Port, SDLC Port and Auxiliary Serial Port

Two Tactile Keypads (4X4 & 3X4)

NEMA TS-2 Type 1 compliant SDLC Port

Optional NEMA TS-2, Type 2 (TS-1) 'A,B,C' Mil. Spec. Connectors 'D' Connector TEES 2009 Compliant (X3 Type 2 (or standard NEMA Type 1 'A' power connector)

Highlights

- Compliant to ATC 6.2x (latest draft) and ATC API Standards
 - Linux Operating System (uClibc or glibc library options)
 - Support TS-1 and TS-2 Type 2 A,B,C & D connector operation (requires X5sl-2)
 - Supports Serial and/or Ethernet Communications
 - API interface library
 - 2070LX compatible display and keypad interface
 - Optional MaxTime Local Controller Software with:
 - ✓ 40 Phases, 16 Rings, 32 Overlaps, 16 Preempts
 - ✓ Monitor and configure timings wirelessly from a laptop, tablet, or smart-phone without database editor or 3rd party software
 - ✓ Built-In Master/Closed Loop Functionality
 - ✓ Peer to Peer communications
- Locally Adaptive Transit Priority

Modern platform

Supported Standard Specifications:

- ATC 6.2x (latest draft)
- API (FIO & FP Interface)
- NEMA TS2 Type 1 & Type 2 cabinet interfaces
- NTCIP – 1202 ASC, 1201, and Base Stds.

Open Architecture

- Linux Operating System
- Software Development Kit (SDK) provided at no charge to qualified ATC software developers
- uClibc or glibc library options

Faster processing and more controller memory

- Motorola PowerPC 8248 32-bit (750 MIPS at 400 MHz) Processor
- 64MB Flash / 128MB DRAM
- Network Switch w/ two independent subnets
- Three 10/100 Mbit Ethernet Ports
- One USB Port

Robust hardware

- Built with current, industry standard technology
- Compliant with NEMA Environmental Requirements
- Temp Range: -40°C to +80°C
- Size: 9.75" H x 8.5" D x 12.25" L
- Three 10/100 Mbit Ethernet ports
- One external SDLC Port (NEMA Port 1)
- Variable Power Supply (95-250 VAC 50/60 Hz auto sensing)

Features and usability

- Optional MaxTime Software w/On Board Web-Server - Monitor and manage traffic signal without the need for additional software
- Caltrans compliant TEES 2070L Text Interface (8X40)
- USB Support per latest ATC standard
- Software support for external WiFi & GPS devices (external devices sold separately)
- Install traffic signal software from USB memory stick
- Transfer timing databases via USB memory stick
- Live MaxTime Software Updates
- Schedule MaxTime Software Updates
- Download MaxTime Update Package Remotely
- Perform MaxTime Firmware/Operating System Updates without Placing Controller in Flash



Front Panel: MaxTime Main Menu